

Windbreak Interpretations

Farmstead windbreaks protect livestock, buildings, and yards from wind and snow. They also protect fruit trees and gardens, and they furnish habitat for wildlife. Several rows of low-growing and high-growing broadleaf and coniferous trees and shrubs provide the most protection.

Field windbreaks are narrow plantings made at right angles to the prevailing wind and at specific intervals across the field. The interval depends on the erodibility of the soil. Field windbreaks protect cropland and crops from wind, help to keep snow on the fields, increase crop yields, and provide food and cover for wildlife.

Each tree or shrub species has certain climatic and physiographic limits. Within these parameters a tree or shrub may be well or poorly suited because of soil characteristics. Each tree or shrub also has definable potentials of height growth based on the soil type and climate.

Information in this subsection, which includes windbreak suitability groups and a windbreak and environmental plantings table, can be used as a guide in planning windbreaks and screens.

This subsection includes:

- **(a) Trees and Shrubs for Windbreak and Environmental Plantings**

Cape Girardeau, Mississippi and Scott Counties, Missouri
Windbreaks and Environmental Plantings

(Absence of an entry indicates that trees generally do not grow to the given height.)

Map symbol and soil name	Trees having predicted 20-year average height, in feet, of--				
	<8	8-15	16-25	26-35	>35
11C: Peridge-----	---	---	---	---	---
11D: Peridge-----	---	---	---	---	---
11E: Peridge-----	---	---	---	---	---
12A: Elsah, FREQUENTLY FLOODED-----	---	---	---	---	---
13: Haymond, FREQUENTLY FLOODED-----	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; green ash; sweetgum	eastern white pine; pin oak
14E: Holstein-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	eastern white pine
15B: Iva-----	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; green ash; sweetgum	eastern white pine; pin oak
16B: Menfro-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	eastern white pine
16C: Menfro-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	eastern white pine

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16D: Menfro-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	eastern white pine
16E: Menfro-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	eastern white pine
17F: Menfro-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	eastern white pine
Clarksville-----	---	---	---	---	other trees
18D: Menfro-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	eastern white pine
Bucklick-----	---	---	---	---	---
18E: Menfro-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	eastern white pine
Bucklick-----	---	---	---	---	---
19D: Menfro-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	eastern white pine
Holstein-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	eastern white pine

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19E: Menfro-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	eastern white pine
Holstein-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	eastern white pine
20E: Poynor-----	---	---	---	---	---
21D: Menfro-----	fragrant sumac	American plum; gray dogwood; southern arrowwood	eastern redbud; eastern redcedar; Washington hawthorn	green ash; northern red oak; tuliptree; white fir	eastern white pine
Bucklick-----	---	---	---	---	---
22: Wilbur, FREQUENTLY FLOODED-----	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; green ash; sweetgum	eastern white pine; pin oak
23: Wakeland, FREQUENTLY FLOODED-----	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; green ash; sweetgum	eastern white pine; pin oak
31: Adler, RARELY FLOODED---	---	---	---	---	---
32: Allemands, FREQUENTLY FLOODED-----	---	---	---	---	---

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	<8	8-15	16-25	26-35	>35
33: Alligator, RARELY FLOODED-----	---	---	---	---	---
34: Beulah-----	---	---	---	---	---
35: Diehlstadt, OCCASIONALLY FLOODED-----	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; green ash; sweetgum	eastern white pine; pin oak
36: Bosket-----	---	---	---	---	---
37A: Bowdre, RARELY FLOODED--	---	---	---	---	---
38A: Broseley-----	American plum; fragrant sumac	gray dogwood	Amur maple; eastern redcedar; nannyberry; Washington hawthorn	baldcypress; common hackberry; green ash; northern red oak	eastern white pine
39: Cairo, FREQUENTLY FLOODED-----	buttonbush	possumhaw	eastern arborvitae; eastern redcedar; nannyberry	baldcypress; common hackberry; pin oak	eastern cottonwood
40: Clana-----	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; green ash; sweetgum	eastern white pine; pin oak
41A: Caruthersville, RARELY FLOODED-----	---	---	---	---	---

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	<8	8-15	16-25	26-35	>35
42: Commerce, RARELY FLOODED	---	---	---	---	---
43: Cooter, OCCASIONALLY FLOODED-----	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; green ash; sweetgum	eastern white pine; pin oak
44: Crevasse, FREQUENTLY FLOODED-----	---	---	---	---	---
45: Diehlstadt, OCCASIONALLY FLOODED-----	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; green ash; sweetgum	eastern white pine; pin oak
46: Dubbs-----	---	---	---	---	---
47: Dundee-----	---	---	---	---	---
48: Farrenburg, RARELY FLOODED-----	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; green ash; sweetgum	eastern white pine; pin oak
49: Jackport-----	---	---	---	---	---
50: Lilbourn, RARELY FLOODED	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; green ash; sweetgum	eastern white pine; pin oak

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	<8	8-15	16-25	26-35	>35
51A: Malden-----	American plum; common lilac; fragrant sumac; gray dogwood	autumn olive; Washington hawthorn	blackjack oak; diospyros; eastern redcedar; jack pine	eastern cottonwood	---
52B: Memphis-----	---	---	---	---	---
52C: Memphis-----	---	---	---	---	---
52D3: Memphis, SEVERELY ERODED	---	---	---	---	---
52E3: Memphis, SEVERELY ERODED	---	---	---	---	---
53: Mhoon, RARELY FLOODED---	---	---	---	---	---
54: Reelfoot, RARELY FLOODED	---	---	---	---	---
55: Roellen, OCCASIONALLY FLOODED-----	---	---	---	---	---
56E: Saffell-----	---	---	---	---	---
57B: Scotco-----	American plum; common lilac; fragrant sumac; gray dogwood	autumn olive; Washington hawthorn	blackjack oak; diospyros; eastern redcedar; jack pine	eastern cottonwood	---

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57C: Scotco-----	American plum; common lilac; fragrant sumac; gray dogwood	autumn olive; Washington hawthorn	blackjack oak; diospyros; eastern redcedar; jack pine	eastern cottonwood	---
58: Sharkey, RARELY FLOODED-	---	---	---	---	---
59: Sharkey, RARELY FLOODED-	---	---	---	---	---
60: Sharkey, RARELY FLOODED-	---	---	---	---	---
Steele, RARELY FLOODED--	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; green ash; sweetgum	eastern white pine; pin oak
61: Sikeston, FREQUENTLY FLOODED-----	buttonbush	possumhaw	eastern arborvitae; eastern redcedar; nannyberry	baldcypress; common hackberry; pin oak	eastern cottonwood
62: Steele, RARELY FLOODED--	American plum; fragrant sumac	blackhaw; gray dogwood	eastern redcedar; nannyberry; Washington hawthorn	baldcypress; green ash; sweetgum	eastern white pine; pin oak
63: Tiptonville-----	---	---	---	---	---
64: Towosahgy-----	American plum; fragrant sumac	gray dogwood	Amur maple; eastern redcedar; nannyberry; Washington hawthorn	baldcypress; common hackberry; green ash; northern red oak	eastern white pine

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65: Tunica, RARELY FLOODED--	---	---	---	---	---
66: Wardell, RARELY FLOODED-	buttonbush	possumhaw	eastern arborvitae; eastern redcedar; nannyberry	baldcypress; common hackberry; pin oak	eastern cottonwood
67: Orthents-----	---	---	---	---	---
Water-----	---	---	---	---	---
68: Pits-----	---	---	---	---	---
70: Falaya, OCCASIONALLY FLOODED-----	---	---	---	---	---
M-W: Water-----	---	---	---	---	---
W: Water-----	---	---	---	---	---